

WHAT IS CLAIMED IS:

1. A circuit interrupting device comprising:

a housing;

a phase conductive path disposed at least partially within said housing between a line side

5 and a load side, said phase conductive path terminating at a first connection capable of being electrically connected to a source of electricity, a second connection capable of conducting electricity to at least one load and a third connection capable of conducting electricity to at least one user accessible load;

a circuit interrupting portion disposed within said housing and configured to cause
10 electrical discontinuity in said phase conductive path between said line side and said load side upon the occurrence of a predetermined condition; and

switch means disposed at least partially within said housing to initiate a test to determine if the predetermined condition is present, and to provide electrical continuity in said phase conductive path between said line side and said load side if the test determined that the
15 predetermined condition is not present.

2. The circuit interrupting device of claim 1 wherein the switch means is a single throw, double mode push button.

20 3. The circuit interrupting device of claim 1 wherein the switch means is a button which, when depressed initiates the test and when released provides electrical continuity in said phase conductive path between said line side and said load side if the test determined that the predetermined condition is not present.

25 4. The circuit interrupting device of claim 3 wherein the switch means comprises a button biased by spring means which urges the button to return to its initial position.

5. The circuit interrupting device of claim 1 wherein the predetermined condition comprises defective operation of the circuit interrupting portion, or an open neutral condition, or
30 a reverse wiring condition.

6. A circuit interrupting device comprising:

a housing;

a phase conductive path and a neutral conductive path each disposed at least partially within said housing between a line side and a load side, said phase conductive path terminating at
5 a first connection capable of being electrically connected to a source of electricity, a second connection capable of conducting electricity to at least one load and a third connection capable of conducting electricity to at least one user accessible load, and said neutral conductive path terminating at a first connection capable of being electrically connected to a source of electricity, a second connection capable of providing a neutral connection to said at least one load and a
10 third connection capable of providing a neutral connection to said at least one user accessible load;

a circuit interrupting portion disposed within said housing and configured to cause electrical discontinuity in said phase and neutral conductive paths between said line side and said load side upon the occurrence of a predetermined condition;

15 switch means disposed within said housing to determine if the predetermined condition is present, and then if said predetermined condition is not present, to establish electrical continuity in said phase and neutral conductive paths; and

a trip portion configured to cause electrical discontinuity in said phase and neutral conductive paths between said line side and said load side.

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